

Call for Papers
a Session on

Flexible Automation in Manufacturing Systems

2016 ASME/ISCIE International Symposium on Flexible Automation (ISFA2016)
InterContinental Hotel & Conference Center
August 1-3, 2016, Cleveland, Ohio, USA

Session Technical Focus

Flexible automation is rapidly becoming a predominant trait in modern manufacturing systems. There is a constant need for improved understanding of system-level interactions between various machines, operations and humans in today's manufacturing, which is increasingly characterized by high levels of flexibility because of the need for personalized, customized products. We cordially invite you to submit a paper to share your knowledge and expertise in all areas related to **Flexible Automation in Manufacturing Systems**. Papers from the industrial sector are particularly encouraged. The session welcomes both theoretical and applied papers in areas including, but not limited to:

- Modeling, characterization and optimization of operations in manufacturing systems, including Work in Progress (WIP) dynamics, maintenance, productivity, logistics etc.
- Productivity optimization
- Quality and process control
- Automating optimization of additive manufacturing processes
- Process diagnostics and maintenance optimization in manufacturing systems
- Staff assignment and optimization
- Adaptive manufacturing systems
- Sustainability in flexible manufacturing systems

Paper Submission

The deadline for submission of your contribution to this session is **February 29, 2016**. Both short and long papers will be considered and reviewed. For short papers, please submit a summary of 1,000 words or less (short papers will be limited to 4 pages) and, for long papers, please submit a manuscript of no more than eight pages. All summaries and manuscripts should be submitted through the conference website at <http://engineering.case.edu/conference/ISFA2016/>.

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